

# Edward Penta

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## EDUCATION

Expected August 2018

**Wentworth Institute of Technology** | Boston, MA

Bachelor of Science in Computer Science

*Related Courses:* Computer Science I, Intro to Networks and Systems, Computer Science II, Object Oriented Programming Java, Computer Architecture, Data Structures, Database Management Systems

## SKILLS

*Software:* Visual Studio 2013 - 2015, IntelliJ, Eclipse, Microsoft Office, Git, Android Studio, Wireshark, Gradle

*Languages:* C, C++, C#, Java, SQL, PHP, JavaScript, HTML, CSS, Python, Objective-C

*Operating Systems:* Windows XP, Windows 7/8/10, Linux/Unix

## PROJECTS

### Sharp2D

2014-2016

- Built a C# library adapted for making game prototypes quickly and easily.
- OpenGL and OpenTK was used.
- Team of 2, used Slack for communication and Git for project management.

### JConfig

August

2015

- Built Java library for creating custom configuration classes that bind to json files.
- Gson was used for serializing and deserializing json files.
- Java reflection was used for dynamically implementing custom config interfaces.

### Project Ghost

May 2015 -

Present

- Developed and managed team for Java based multiplayer game.
- Netty.io for networking over TCP, LibGDX for client-side rendering, MongoDB for server database.
- Team of 5 people, used Slack for communication and Git for project management.

### Taskbar Rave | Computer Science II

September 2015

- Built C program that analyses music and pulses taskbar color in Windows

### TinyHttp

December 2015

- Small Java library for creating and serving Java based website

### Animu

August 2014 - December

2015

- Designed and programmed C# application for organizing media files
- FFMPEG was used for decoding video files and Json.Net was used for serializing json files
- .Net WPF was used for designing GUI

### Dissonance Prototype

April

2015

- Managed team of 6, programmed Java based game in 4 weeks
- LWJGL was used for OpenGL rendering

## EXPERIENCE

**TECHeGO, LLC** | South Jordan, Utah

May 2015 - August

2015

*Part Time Laravel Programmer*

- Programmed and designed web apps in PHP using Laravel
- Helped develop Sync4Podio project

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**iD Tech Camps** | Waltham, Massachusetts  
2016

July - August 2015, July - August

Instructor

- Educated kids (age 12-17) in Arduino, Java, and Unreal Engine 4
- Once a week, taught and supervised a group of 8
- Taught lessons in fun and creative ways